

Twin City Rally Club

2019 Minnesota Winter Rallye – General Instructions

Registration: 10:00 AM-10:45 AM. Perkins Restaurant, 2502 London Rd, Duluth, MN.

First Car Out: 11:01 AM

Endpoint: Blackwoods Grill & Bar, 2525 London Rd (across the street from Perkins). About 3:15 PM.

Timing and Scoring

The **MiRally Crono** app is required to run this event if you wish to be scored. MiRally Crono uses GPS to track your location on the rally course, and records when your vehicle passes a control (PC or Passage Control) in a Timed (TC) section.

- Download and Install the MiRally Crono App, currently v.1.22.
- Set up an account and register your GPS device (smartphone or tablet) at MiRally.net
- Enter the Minnesota Winter Rallye at MiRally.net on your account page. Click on “+Rallies” in the upper right of the **APPLICATIONS** window.

The timing points will be Passage Controls (PC), not manned controls. Each timed section (TC), roughly 1 to 10 miles, will provide from 1 to 5 PCs. There will be no PCs in the first 0.0250 mile of the TC. There are seven timed sections, about 25 PCs total.

Course Following

Course following can be done by using the **Rabbit Rally** app, available for free from the appropriate app store, for Apple or Android smartphone or tablet, or by printing out a PDF of the Route Instructions. The Rabbit Rally app uses GPS to determine your location on the route and lets you know if you are early or late during each TC.

Using Rabbit Rally puts the team into Class L.

Teams may use a printed copy of the route in Class E, with a dedicated rally computer such as a Timewise, or in Class S using an odometer not connected to the driven wheels.

The rally was measured using Roadbook Designer on a Samsung Galaxy Tab A 10” tablet, aboard a 2002 Saab 9-3 Viggen equipped with Bridgestone WS50 winter tires. No auxiliary GPS antenna was used. Accuracy of +/- 0.005

The MWR runs on many snow covered roads. Winter tires are highly recommended, though not required, especially if there is recent snow. A shovel and a tow strap with a secure mounting location to the vehicle – front and rear – is highly recommended. Warm clothing, including boots, gloves/mittens, and hats should also be on hand in case of mishap. The weather forecast indicates sunny skies and daytime temperatures just below zero.

The rally is about 130 miles in length. There will be a break in Two Harbors about half way.

NOTE: Gas prices in Two Harbors have been running about 10 cents a gallon cheaper than Duluth.

Classes

E - Equipped

L - Limited

S - Stock

T – Touring only. No timing, just following the rally course.